

12/04/01

UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for new nonprovisional applications under 37 CFR 1.53(b)</small>	Attorney Docket No	216576US0
	First Inventor or Application Identifier	Kenji ISHIZEKI, et al.
	Title	CURABLE COMPOSITION, CURED COATING FILM AND COATED SUBSTRATE
Assignee Name: Asahi Glass Company, Limited		
Assignee Address: 12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-8405 JAPAN		

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification Total Sheets 40</p> <p>3. <input type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) Total Sheets </p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration Total Pages 4</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 17 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b)</p> <p>5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification or Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	ACCOMPANYING APPLICATION PARTS
<p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>8. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>15. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>16. <input checked="" type="checkbox"/> Other: List of Related Cases, Cited Pending Applications (2)</p>	

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)
of application Serial No. Filed on

☐ Which was published in English

☐ Which was not published in English

☐ This application claims priority of provisional application Serial No. Filed

19. CORRESPONDENCE ADDRESS**22850**

(703) 413-3000

FACSIMILE: (703) 413-2220

Name:	Norman F. Oblon	Registration No.:	24,618
Signature:	 C. Irvin McClelland	Date:	12/4/01
Name:	Registration Number 21,124	Registration No.:	

Figure 1 consists of 15 panels, labeled (a) through (o), each showing a line graph of bacterial growth (log₁₀ CFU/g) over time (h) for *E. coli* O157:H7 in ground beef. The y-axis for all panels ranges from 0 to 8 log₁₀ CFU/g, and the x-axis ranges from 0 to 24 hours. Panel (a) is the control, showing a steady increase in bacterial load from approximately 2.5 to 7.5 log₁₀ CFU/g. Panels (b) through (o) show the effect of various treatments. Panels (b) through (d) show the effect of NaOH at concentrations of 0.1%, 0.2%, and 0.5%, respectively. Panels (e) through (g) show the effect of NaOCl at concentrations of 0.1%, 0.2%, and 0.5%, respectively. Panels (h) through (j) show the effect of H₂O₂ at concentrations of 0.1%, 0.2%, and 0.5%, respectively. Panels (k) through (m) show the effect of combinations of NaOH and NaOCl at various concentrations. Panels (n) and (o) show the effect of H₂O₂ and NaOCl at various concentrations. The graphs show that higher concentrations of these treatments lead to a more rapid and greater reduction in bacterial load over time.

INVENTOR(S) Kenji ISHIZEKI, et al.

FILING DATE: Herewith



ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	9 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	× \$84 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$280 =	\$0.00
<input type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$0.00
BASIC FEE				\$740.00
TOTAL OF ABOVE CALCULATIONS				\$740.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input checked="" type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$40.00
TOTAL				\$780.00

A check in the amount of **\$780.00** to cover the filing fee is enclosed.

A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: 12/4/01

C. Ivin McClelland
Registration Number 21,124



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/00)